Sheet 1 of 1

Appl'n No: 09/973,086 Docket no.: 6240.520 Form PTO-1449 INFORMATION DISCLOSURE CITATION Group A.U.: 1732 Applicant: Moyes IN AN APPLICATION (Use several sheets if necessary) Filing Date: 10/10/0/ U.S. PATENT DOCUMENTS **FILING CLASS SUBCLASS** NAME **DOCUMENT EXAMINER** DATE DATE NUMBER **INTITAL** Greve etal 12/18/00 106 675 MIS FOREIGN PATENT DOCUMENTS TRANSLATION **SUBCLASS** CLASS DATE **COUNTRY DOCUMENT** Yes / No NUMBER ERO 0/2589 A1 6/25/80 for Switzer land CH 680377AS 8/14/92 OTHER DOCUMENTS XP-002189759, XP-002189760 DATE CONSIDERED 9 EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to

2-92)

applicant.

Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE

Paper #5

JUN 2 6 2002

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
on Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB

Complete if Known Substitute for form 1449A/PTO 09/973,086 **Application Number** INFORMATION DISCLOSURE **Filing Date** OCTOBER 10, 2001 STATEMENT BY APPLICANT **First Named Inventor** moye Art Unit <u> 1732</u> (use as many sheets as necessary) Michael Poe Examiner Name of Attorney Docket Number 6240.520 Sheet 2

			U.S. PATE	NT DOCUMENTS	Class Subclass
Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages Columns Lines, Where
Initials*	No.1	Number- Kind Code ² (if known		Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
MISS	ļ	us- 4,100,115	07-11-1978	Baer	521/83
		US-			
		ijg.			
		US-	200 AT 11 AT 1		
	[us-	Company and a selection of the contract		ECHMOLOG
		US-			9
		US-			<u>`</u>
		US-			
•		us-			
		US-	·		
		US-	nation in the second se		
		US-			
ACTION A STATE AND ADDRESS.	· · · · ·	US-		A MARIE TO	
	Jan 2	US-	ACCUPATION OF THE PARTY OF THE	The state of the s	
		us-			

		FOR	EIGN PATENT D	OCUMENTS	class Subclass
Examiner Initials	Cite No. ¹	Foreign Patent Document Country Code 3 "Number 4" - Kind Code 5" (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages Columns Lines Where Relevant Passages or Relevant Figures Appear T6
MSI		WO 98/37 032	08-27-1998	Windsor Technologies	
		9 - 1 - 1 - 1 -	 	· · · · · · · · · · · · · · · · · · ·	
		The state of the s	n , on return Mark Att and	THE RESIDENCE OF THE PARTY OF T	

Date Examiner Signature

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Under the Course Reduced control number & TRAD

PTO/SB/08B (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB

Substitute for form 1449B/PTO

Examiner Signature

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary) of Sheet

Complete if Known						
Application Number	09/973,086					
Filing Date	OCTOBER 10, 2001					
First Named Inventor	MOYES					
Group Art Unit	1732					
Examiner Name	Michael Poe					
Attorney Docket Number	6240.520					

		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Cite No. 1	OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s) publisher city and/or country where published Chemical Abstracts, American Chemical Society. Columbus Vol 97, no 24 13 becember 1982, XP 000 3 92665, p. 282	T ²
2.1.2.4		Chemical Abstracts, American Chemical Society. Columbus	
MSP		vol 97, no 24 13 December 1982, XP 000 392665, p. 282	
			, ,
			70
agaidage a codeque			167
Contraction of Contra			
tates a			1
••••••••••••••••••••••••••••••••••••••			
No. 27 - AND STATE	v		
are special apply to the second of the second	- Committee		
	61		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Date

Considered

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08A (10-01)	3/08A (10-0	11)
--------------------	-------------	-----

Approved for use through 10/31/2002. OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB

Compl te if Known Substitute for form 1449A/PTO Application Number 09/973.046 INFORMATION DISCLOSURE 10/10/2001 Filing Date Mayes 17312 STATEMENT BY APPLICANT **First Named Inventor** Art Unit (use as many sheets as necessary) Not Assigned Michael Por Examiner Name 6240.520 Attorney Docket Number of Sheet

		U.S. PATI	ENT DOCUMENTS	Class Subclass	
Examiner Initials	Cite No.1 Number - Kind Code ² (if known	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Rolevent Passages or Relevant	
MAG	Us. 4,132, 042	01-02-1979	Di Maio	52/309/ HECE!	,
1101	US-4,74 4,771 US-4,263,75-2	04-24-1988	Lehnort, et al.	49/501	VEI.
11190	US-4, 020, 611	05-03-1977	AZos	52/584 JAN 0 8-201	2
ALL T	US-5, 341, 245	10-20-1995	Richards, or al.	52/455	J
25/	US-5, (55, 950 US-4, 411, 534	03-14-1989	Lehnort, otal.	52/455	•
MIH	us-4, 740, 527	04-26-1986	van Bonin	521/105	
mos	US-4,343,127 US-4,324,434	04-10-1982	Ballard, or al.	428/402	
12.26	US-4,075, 404	02-28-1478	Zimmermen	52/232	1
160	US-3, 934, 066 -	11-18-1946	Murch Masui, or al.	428/304.4	
TUPY,	US-4,544, 329	04-22-1916	Gardzialla, aral	525/H5	
21121	US. 4, 242, 364 US. 4, 256, 749	03-17-1981	Ohashi, or al.	428/315	
MA	US-5,601,919	02-11-1997	Symon 1	428 375	
MIL	US-5,540,637	12-03-1996	Konta, ot al	428/138 428/14	
mise	US-5,460,464 US-5,374,452	12-20-1994	Horbook or al	427/212	l

		FORI	EIGN PATENT D	OCUMENTS	Class Subcless	•
Examiner Initials	Cite No. ¹	Foreign Patent Document Country Code 3 - Number 4 - Kind Code 5 (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, -Where Relevant Passages or Relevant Figures Appgar	T ⁶
mg		WO 97/49532 Al	12-31-1997	Symons	· —	
MY		WO 14/37032	08-27-1998	Symone		
mos		WO 97/32074	09-04-1917	5ymon4	<u> </u>	
MH		Wo 97/45591	12-04-1997	5 mons		
			·····	<u> </u>		
						ļ
						ļ
						ļ

Examiner Muhaul Voe	Date Considered	10/2/03	
---------------------	--------------------	---------	--

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Paper #7

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

OFFE	, I
JAN 0 2 2003	30
TRADEMARK	Under

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB

Compl te if Known Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)

of Sheet

	<u> </u>
Application Number	09 1973, 086
Filing Date	10/10/2001
First Named Inventor	Mayes
Art Unit	1732
Examiner Name	Nor Kesiena Michael Poe
Attorney Docket Number	- 1

		U.S. PATI	ENT DOCUMENTS	class/sabclass	
Examiner Cite No.		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Whore Relevant Passages of Relevant Figures Appaer	
MIO MI MIS MIS MIS MIS MISO	US-5,304,640 US-5,240,457 US-5,044,254 US-4,431,334 US-5,347,750 US-3,430,442 US-4,345,446	05-10-1994 03-01-1994 02-18-1992 06-05-1999 09-20-1994 08-20-1974 07-26-1943	Symons Karbachsch Myera Maleolm-Brown Richards, oral. Wala Jackson, or al.	52/309.9 210/792 52/400 REC 428/74 52/204.1 JAN-0 428/304.4 T	EIVE 3 2003
711.80 711.80	US-5,053,144 US-4,307,543 US- US- US- US- US- US- US- US-	10-01-1991	Schulshos?	2518.05 IC 1 49/50/	700
	US- US- US- US- US- US- US-				

FOREIGN PATENT DOCUMENTS									
Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Т6				
~~~~			-						
		Cite Foreign Patent Document	Cite Foreign Patent Document Publication Date	Cite Foreign Patent Document Publication Date Name of Patentee or	Cite Publication Date Name of Patentee or Where Relevant Passages				

		·			
Examiner Signature	Muhal	Poe	Date Considered	10/2	103

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Paper#7

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.